CLAIMS:

1. An improved font, comprising:
a halftone cell including a plurality of original pixels; and
an auxiliary pixel replacing one of the plurality of original pixels to improve the printing of the halftone cell.

2. The improved halftone of claim 1, wherein the auxiliary pixel comprises a "black" auxiliary pixel.

3. The improved halftone of claim 1, wherein the auxiliary pixel comprises a "white" auxiliary pixel.

4. The improved halftone of claim 1, wherein the halftone cell is a clustered dot type.

5. The improved halftone of claim 1, wherein the halftone cell is a dispersed dot type.

6. The improved halftone of claim 4, wherein the clustered cell is a compact dot type.

7. The improved halftone of claim 4, wherein the clustered cell is a spiral-dot type.

8. The improved halftone of claim 1, wherein the halftone cell is a stochastic type.

9. A method for improving the printing of an image, said method comprising:

receiving a source image comprising original pixel data; and

processing the source image original pixel data with a halftone including embedded auxiliary pixels therein.

10. The method for improving the printing of an electrostatic image of claim 9, wherein the step of processing includes using halftones of a cluster dot type.

11. The method for improving the printing of an electrostatic image of claim 9, wherein the step of processing includes using halftones of a dispersed dot type.

12. The method for improving the printing of an electrostatic image of claim 9, wherein the step of processing includes using halftones of a stochastic type.

13. In a digital imaging system, a method for optimizing a rendition of a document image, comprising:

receiving a representation of the document image; and

processing the document image to form a halftone image including therein embedded auxiliary pixels to improve the rendition of the document image.

14. The digital imaging system of claim 13, wherein the step of processing comprises forming the halftone image using a processing system including a digital front end.

15. The digital imaging system of claim 14, wherein the step of forming uses a cluster dot type halftone.

16. The digital imaging system of claim 14, wherein the step of forming uses a dispersed dot type halftone.

17. The digital imaging system of claim 14, wherein the step of forming uses a stochastic type halftone.